

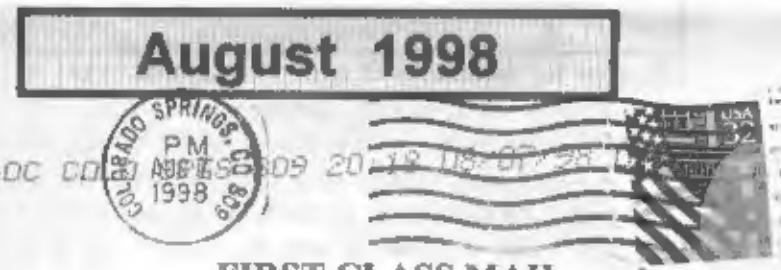


<http://www.gsl.net/pra>

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**Pikes Peak Radio Amateur Association, Inc.**  
**P.O. Box 16521**  
**Colorado Springs, Colorado 80935**



1 Renew before 03/31/00  
RONALD DEUTSCH  
NKOP  
4305 RIDGELANE DR.  
COLD. SPRGS., CO 80918



# Ø-Beat



## Pikes Peak Radio Amateur Association Officers and Directors

President:	Greg Tarcza	WA2OOD	697-7064	gregt@col.hi.com
Vice-Pres:	Les Borst	KCØNC	634-3995	kc@nc@juno.com
Secretary:	ANY VOLUNTEERS			
Treasurer:	Rob Roller	N7LV	282-0204	roller@usa.net
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*Board Mbr:	Ron Deutsch	NKØP	593-8352	deutschra@aol.com
*Board Mbr:	Aaron Pelouze	KD6FLM	282-9715	apk6flm@aol.com
*Board Mbr				
& Past Pres.:	Jeff Boyes	NØJLH	229-5703	jboyes@usa.net

\*This Officer/Director is completing the second year of the two-year term to which they were elected.

The Ø-Beat is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., PO Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see the last page of this publication. Monthly advertising rates: Full page, \$48; Half page, \$24; Quarter page, \$12; Business card, \$6. These rates are billed quarterly. Send your ad requests and payments to: PPRAA, PO Box 16521, Colorado Springs, Colorado 80935.

Check out the PPRAA page on the World Wide Web! Go to: <http://www.qsl.net/ppraa>

Deadline for submission of articles or advertisements is the Monday after Board meeting. Submissions are accepted in any form. Articles should be sent directly to the Ø-Beat Editor (Email to kdøju-1@juno.com is preferred.) Permission is granted to reprint articles provided credit is given to both the author and this publication.

### License Exams

License examinations sponsored by the Pikes Peak Radio Amateur Association are held on the 2nd Saturday of February, April, June, August, October, and December.

Testing takes place at 9 A.M. at:

Denver Technical College  
225 South Union  
Colorado Springs

Everyone is seated on a walk-in basis. Those wishing to take an exam should bring the following items:

1. \$6.25 (preferably a check/money order made out to ARRL/VEC) for any exam other than element 1A or 2.
2. Picture identification.

3. A copy of your current amateur radio license, and/or a copy of any examination credit you have, as well as the signed original. We keep the copies.  
4. A pen, pencils, and a calculator if you need one.  
If you have any questions, call Erik Mugele, KØXE at 596-5345.  
Please do not call Denver Technical College.

### Committee Chairpersons/Contacts

Ø-Beat Editor	Bill Pierce	KDØJU	550-0406
Activity	Renay Boyes	KAØROY	229-5703
Auditing	Any Volunteer's?		
Asset	Mike Stansberry	KØTER	636-1290
Historian	Jody Borst	KAØROZ	634-3995
Interference	Bill Petty	NØNJK	532-1439
Membership	Les Borst	KCØNC	634-3995
Programs	Aaron Pelouze	KD6FLM	282-9715
Publicity	Ron Deutsch	NKØP	593-8352
Public Service	Mike Stansberry	KØTER	636-1290
Swapfest '99	Any Volunteer's?		
Technical Instruction	Linda Hedges	KHØRKW	520-9238
VE Testing	Erik Mugele	KØXE	596-5345

### Other Organizational Liaisons

ARES Liaison	Mike Stansberry	KØTER	636-1290
CCARC Liaison	Ron Deutsch	WØYIP	593-8352
RACES Liaison	Bryan Curl	NØLUF	575-8400

### Reminder — General Membership Meeting

The next General Membership meeting of the Pikes Peak Radio Amateur Association will be on the second Wednesday of this month at the Mt Calvary Lutheran Church, 1318 N. Circle. The meeting will start at 1900.

## SILENT KEY

The following two PPRAA Club members became silent keys recently.

KBØEPN, Andy Dodd and WAØYTK, Mint Tanner. They had club members for a long time and will be missed.

Rosie, WAØMNL

## August Program Notice

Bill Petty, NØNJK will be supplying us with Tips and Techniques for Construction Projects. He won't be there to show you WHAT projects to build, but rather HOW to build them - Info on how to solder, assemble, etc.

I also heard a rumor that he might even have some info on how to build cheap enclosures for a project, although that part isn't definite yet.

Anyway, you won't want to miss this one... I all of you make the effort to get there.

As always, if you want to see a particular program, or have a program that you would like to present, please call me at 229-5703.

73,

Jeff Boyes, NØJLH  
PPRAA Program Chairman

## August, 1998 President's Corner

What do real hams do to beat the heat? (I am writing this in the midst of our 95 degree July heat wave, if you couldn't tell!) I made a few phone calls over the weekend to find out. Spouses cornered at

two of you to go shopping in air conditioned malls. Another one went to the movies. One more has plans to visit a cooler climate (Maine).

I brewed up a gallon of iced tea and then got on the air (HF) and worked two WWII battleships, one destroyer, two aircraft carriers and a submarine! I'd be happy to explain that to anyone who thinks I've gone off the deep end again, but the short explanation is that I am enjoying amateur radio again.

I also trimmed a couple of branches off the big maple tree that's towers over my tower and beam. A New Zealand station reports that since the trimming, I am stronger than ever. I'm so excited about that signal report that I'm going to cut down the whole darned tree!

My other plans for the summer include taking in a couple of Sky Sox games (including the July activity one), resurrecting a radio klunker or two, working a little DX and continued involvement in KBØRET's Novice/Tech class for the Boy Scouts.

Speaking of Scouts, Carlos (and I) are still looking for those of you who can help teach radio, theory, construction techniques and other related subject to the kids and their parents. Attendance at every class is not required, but if you could take a crack at a class or two, it would certainly help out. You might even discover that you like helping someone learn about radio.

Our star instructor, Frank McNally KFØWF, is at it again. He has announced a new class on kit-building which will result in the completion of a QRP CW HF rig and the knowledge of how it all works! The class starts on September 27 (Sunday) at 1PM. Contact Frank for more information. This sounds like it could be fun.

I don't quite know how the August program is going to come out, but trust me on this, it will be educational and be presented by one of our recognized experts in the field. That's all I'll tell you about it except to say that I'll probably catch hell from him for a buildup like that!

By the time you read this, the Pikes Peak Enduro will probably be history. Thanks to all that volunteered their time to make the event a success. Your involvement in these events is important not only to the success of the activity, but also to the club and the hobby. Another event to consider supporting is our library exhibit on October 3. Contact Aaron KD6FLM to help out in any way you can.

That's all for now. I'll see you at the meeting and the Picnic (August 16). In the meantime, I've gotta pour some more iced tea and pick out a different shade tree - the old one is going away. Gotta get that RF going in the right direction!

Greg Tarcza, WA2OOD

### JOTA MEETING

All,

By the way, JOTA is held annually the 3rd weekend of October. The dates this year for JOTA are October 24th and 25th, but we will be setting up on the 23rd and operate only Saturday the 24th.

To-be-determined: Scouts may be camping Friday the 23rd, the campers may start operating after setup.

Any form of amateur radio communication is within the scope. I made some suggestions, but they were only suggestions to be ruled in or out. Be creative! All ideas accepted, ideas accompanied with equipment and operator(s)... your in!

Dan, KBØPPM

### General Membership Meeting

July 8, 1998

Meeting called to order by President Greg WA2OOD at 19:01

There was an introduction of members who attended giving Name and Call, followed by each of them telling us what their other hobbies were besides Ham Radio. It was quite interesting to hear what other hobbies they all had. We welcomed a brand New Ham, KAØDSY Karen to the meeting with congratulations and applause.

#### Old Business:

The Hill Climb was a great success, and everyone was pleased how things turned out. The membership attendance at the meetings has been very good.

The Simplex Net attendance being held on 146.580, on Thursday evenings at 7:00 pm also has been very good, and exciting to be a part of. Join us for some chatting fun.

For the National Pikes Peak Enduro Event, Eric Nicking and Wayne Intermill talked about this exciting event taking place August 9 in Divide Jellystone Camp Ground, 8:00 am to 3:00 pm on Sunday. There are approximately 400 riders to be expected to attend this exciting event. Having 12 to 14 checkpoints, on this 70-mile course we are in need of some volunteers to help man these checkpoints. They explained that it is a time keeping event, and the bikes have computers on them to let you know if you are going to fast on the race, as you will be penalized for arriving at check points to early. A sign up sheet was sent around, and we had good response. Charges for the camp are Free, on 1000 acres of land, with paddleboats also available. They will have T-shirts to be given out.

Announcement by Greg is that we are still in need of any suggestions for this year's Christmas Party. He is also very pleased about the Simplex Nets.

Corrections of Ø-Beat for July are as follows; Interference An elderly couple complained of interference to the FCC who passed it to the ARRL who passed it to the PPFMA who called Bill, NØNIX, the source turned out to be a defective TV

## Zero Beat

set. Also an HF amplifier, owned by our President WA2OOD was being received through his neighbors phones and organ. The problem was corrected...we think. The minutes of last meeting approved with knowledge that this would be in next months 0-Beat.

**Public service:** Mike KØTER, A Frame Hike and camp over night. We are in need of some people in vehicles at gates, as some people will have to bussed off the mountain August 16, Sat. and Sun. We are also in need of a portable repeater for Saturday.

**New interference:** Ron NKOP stated that he got a call from a local ham who had recently moved here and was turning on his neighbors sprinkler system with his HF transmitter. The problem was solved by putting torrid cores on the wires leading to the sprinkler solenoids.

**Historian:** Jodi KAØROZ Had nothing to report this month.

**Membership:** Les KCØNC Had nothing on membership

No Treasurers report this month

**Programs:** The program for the month of July was a very interesting talk from Rebecca Willmon, from the FCC of Denver. There will be a write up later in issue. We need a program for August meeting, if you have suggestions please help, and does not mean that you have to do it.

**CCARC** The PPRAA will host the next CCARC meeting on September 26, 1998 at the Falcon Police Substation at 7850 Goddard Street. All PPRAA members are invited to attend. He needs a few volunteers to help with set-up and talk-in.

**Publicity:** NKOP Ron is looking for some new ideas on how to advertise our club. He also needs people to put our information sheets in places where, or potential hams congregate (i.e. Radio Shacks, Library branches, electronic businesses and work sites). We are having good luck in publicity as we

are trying to get original file footage of the Field Day video. We could continue to loop it at swapfest and other events to show video.

Greg WA2OOD was presented with a certificate from the Mayor that June 22- June 28 as Amateur Radio Communications Week.

At Centennial Electronics we have a bulletin board up for our use to advertise radios, parts things to sell or for what ever and we need to please use this board or it will be taken away from us.

Tech Linda WBØRKW really had nothing to report except that there is not enough interest to have another General Class, so we need more interest to have a General Class.

**VE Testing:** There was nothing new to report.

**Activities:** Renay KAØROY mentioned about the tail gate Bar-B-Q at Sky Socks Stadium on July 25 and the game following. Meet at the stadium at 5:00pm.

Dan Scott and Carlos Caro KBØREI for the Jamboree on the air are in need of some volunteers to help to start off the Novice classes for Scout Troop 207 in order for them to take the October testing session. Help in areas of stations set up, working 1 on 1 with scouts and helping them to make their first contact. Classes start July 14 at 7:15 pm Tuesday, will have 2 classes a week. Also maybe Elmer operations. Scout camps are planned 1 year in advance.

Aaron KD6FLM is still working on the Old Library Exhibit. He has 6 people volunteering and 5 other organizations of only 1 giving conformation. It will be October 3, at the East Library. Ideas are UHF, Packet and any other forms of Amateur Radio.

John Herring for the Rocky Mountain Division needs convention help. The cost to put on a convention like this would cost 30,000. To do this we would need other organizations to help. About 500 people would be expected to attend. The convention Center of Black Forest was mentioned as

## Pikes Peak Radio Amateur Association

a place to have it. Also have a swapfest and convention together. More to come.

New Business Need to find a note book from Field Day that has a green cover and yellow pages, help if you can please to recover it.

**The Hammy Award:** Pete Petry had explained that he added an apron to the hammy in honor of good food on Field Day and then presented the Award to Greg WA2OOD our President.

I would like to personally thank Ken Phillips NØNKP for assuming responsibility as secretary for the Month of June, as I was enjoying a much-needed vacation. Paula KCØAGG

The meeting adjourned at 9:23pm local

Submitted by Paula KCØAGG Secretary

Almost for got an important part of the meeting Rebecca Willmon of the FCC handed out brochures and gave a web site address for the National Archives and records Administration

### OM/YL LUNCH BUNCH

There will be NO Lunch Bunch meeting in August.

The PicNic takes its place. rence.

Hope to see you there!  
Rosie Calaway, WAØMNL  
471-9965

## Board Meeting Minutes July 13, 1998

Members present were: Greg WA2OOD, Les KCØNC, Paula KCØAGG, Dennis NØABC sub for Rob N7LV, Doug WBØMHP sub for Bill KDØJU, Jeff NØJLH, Renay KAØROY, Bill NØNJX, Ron NKØP, Aaron KD6FLM, and Shawn NØDXR.

Greg WA2OOD opens the meeting at 7:01 pm stating that Centennial Electronics doesn't have a current list of people. We are in need of 1 person to keep each Radio Shack supplied. As of last month the 501C3 had not been mailed in yet, but Rob N7LV is hoping to have this done by the end of July.

A request was made for Fire Extinguishers for the generators. Ron NKØP said that he would donate one to the club. Les KCØNC will do some price checking on the Fire Extinguishers.

The PP Library database has a list of the last recent people in it.

A binder for Club Procedures will be brought to the next meeting to put club procedures in it since it contains no information yet.

Carlos and Carol are starting classes for the Scouts, and have 10 Now your talking books. NØJH Jeff motioned that we authorize a loan of 150.00 max for the books for the club. KCØNC Les second the motion. The motion passed unanimous.

There was an additional \$31.00 Left over expenses from Field Day, for food over the \$100.00 already given with receipts.

The next board meeting will take place at the club picnic on August 16, 1998. The September Board meeting will be at the QHT of Ron NØKp.

A certificate will be given to Rebecca Willmon from the FCC of Denver for the great program for July.

Activities: Renay KAØROY was a little disappointed in the involvement for the Sky Sox game. The attendance may be low because of summer. Poker cards will still be given out.

There was some talk and discussion about pictures being taken at club meetings and club activities. Les, KCØNC, suggested that a list of names of old officers and new officers with their pictures be put in the Ø-beat. Les KCØNC motioned that the club, reimburse expenses for club photos. Aaron would like to take some pictures. Jodi KAØROZ seconds the motion. Add as approved by board permission to amend motion. Motion carried unanimous.

Historian: Jodi KAØROZ Met Wes Wilson KØHZB at a club meeting, who is now a member, and has been a member in the past years. He has a lot of photos of those past years that he is going to get her. She mentions that back then it was called The El Paso Club.

Aaron KD6FLM is in need of names for Eder Space and Science group and the MARC group.

Renay asked what to do about food for the club picnic. Ron NKØP made a motion that up to \$200.00 for food for club picnic. Bill NØNJP second and the motion passed.

Jeff NØJLH still doesn't have a program for August. Dennis NØABC: Nothing, as he did not get the treasures report. Was wondering where the P.O. box key is.

NØNJP Bill had no report.

WBØMHP Doug, complimented Jeff, Renay and Cassie on the t.v. Video. Doug also commented on the great job Jeff did with the Zero Beat and he would like to see that quality continue.

Jeff NØJLH; motioned that the meeting be adjourned, Renay second and the meeting ended at 8:22 pm local.

Submitted by Paula KCØAGG Secretary

## BREAKFAST GROUP

To those that may be interested, the ham group that formerly met at the Country Kitchen in Widefield, now meets at NELL'S DINER on Peterson road just north of the hiway over pass and just south of the golf course in the shopping center.

We have plenty of room with large tables set up to seat at least 20 or more. The food is excellent and priced right and the coffee is hot and in large pots on the tables, the waitress is friendly and attentive and service is great. So come one or come all you're welcome, we meet at 7:30, and best of all radio is spoken here.

Sincerely, kgØae 73

### El Paso County HF Roundtable

Sunday evenings just after the El Paso County RACES 7:30 PM (local) HF net, on 28.385 mHz.

Everyone is invited to check in.

## DITS & BITS

For sale from George, WBØDUM

- ICOM 211 All Mode 2 Mtr Trans.
- Mast, Telescopig 40 Ft
- KLM 140 Watt 2 mtr amp
- 8" Wall mount brackets
- Misc. computer boards
- Scanner antenna

Contact George for prices and other info at 495-3983

For Sale from Ginger, NØUOD

- Kenwood KR-V7040 Receiver, Ampli-tuner, Receptor, AM/FM Stereo
- Pioneer CLV-1-7- Laser Disk Player

All for \$250! Call Ginger at 528-8361 for more info

## Local boy makes good!

Appended below is a copy of yesterday's ARRL Bulletin which announces Frank as IOY. The last paragraph in the bulletin contains the announcement, which is straightforward but doesn't give an indication of how Frank came to receive this award.

To get this award, we had to make the ARRL aware of Frank's accomplishments. And we did. I'm sure, given enough time, we could have taken down testimonials from all of Frank's students, but with the time constraints, we accomplished the goal with twelve letters. It was enough to show his dedication and service record over the six years prior to the nomination.

Frank was nominated in early 1997 by the Pikes Peak Radio Amateur Assn. The nomination also included a compilation of the passing rates statistics of his students and a list of how Frank met the criteria set forth by the ARRL.

The nomination was submitted through the Colorado Section Manager Tim Armagost WB0TUB. The endorsements, I believe, had a major effect on his receiving this award. Some of the comments about Frank were:

"Frank is highly dedicated..."

"Frank is one of those few people who gets a deep sense of satisfaction in looking at the excitement in the faces of successful new Hams..."

"Meticulous attention has been paid to the quality and usability of instructional material."

"Frank's made tough concepts palatable and further inspired me to tackle the General class license."

"Teaching doesn't end in the classroom setting. He often is present during their first contact on the radio. Frank listens for new hams on the repeaters and engages them in conversation to help ease them into the world of on the air contacts. He sponsored

a J pole antenna party so the new hams could get on the air inexpensively and quickly."

"I am currently a student in a Novice/Technician HAM class that takes place two nights a week and I thoroughly enjoy this class. I began going to these classes with no electrical or technical background, and Frank has presented the lessons in such a manner that helps me to understand the concepts of electrical components and technical structures."

"Frank continues to improve his teaching techniques. He's added an extra week to the class to expose students to various aspects of radio. The students have an opportunity to see and hear actual HF, VHF, and UHF radio contacts. They tune the bands to see how a radio works. A live traffic net is conducted during class so students may see how amateur radio benefits the community."

"He has been an "Elmer" for budding Hams far more often than he will admit to. He is a special friend to handicapped individuals in the area. He routinely invites and has made special teaching arrangements for students of the Colorado Springs Deaf and Blind School. His work with them is unparalleled by any Ham in his community."

Definitely well deserved. Congratulations, Frank!

**SB QST @ ARL \$ARLB053**  
ARLB053 ARRL Board announces award winners

**SB QST ARL ARLB053**  
ARLB053 ARRL Board announces award winners

The ARRL Board of Directors has announced that Antone "Tony" Duarte, N1XRS, of Dartmouth, Massachusetts, is the 1997 Hiram Percy Maxim Memorial Award winner. The award goes annually to an amateur under age 21 who has demonstrated exemplary ham radio contributions and accomplishments. Duarte, 16, was nominated by Eastern Massachusetts Section Manager Lawrence

Ober, W1MW, who received a dozen letters supporting the nomination. Nominators cited Tony's active participation ARES and SKYWARN and his extensive record of public service contributions, as well as his technical skill and his leadership role, especially among younger hams. The Hiram Percy Maxim Memorial Award carries a 1000 dollar(s) stipend, an engraved plaque, and a trip an ARRL convention for a formal award presentation.

The ARRL Board also named Stephan M. Anderman, K2SMA, of Hamburg, New Jersey, as the recipient of the Philip J. McGan Silver Antenna Award. The McGan award goes to an amateur who has done the most in the previous year to promote Amateur Radio. It's named for journalist Philip J. McGan, WA2MGQ (SK), the first chairman of the ARRL Public Relations Committee. Anderman is the host of the ham radio program "This Week in Amateur Radio" and editor of "The Hudson Loop," the Hudson Division newsletter. The Board also expressed its thanks to all amateurs engaged in public relations efforts on behalf of the hobby.

Named by the Board to receive the ARRL Technical Excellence Award were Eileen Lau, KE6VWU; Kai-Wai Chiu, KF6GHS; Jeff Qin, KF6GHY; John Davis, KF6EDB; Kent Potter, KC6OKH; and David Rutledge, KN6EK, all of the California Institute of Technology. The group was recognized for its article, "High-Efficiency Class-E Power Amplifiers" in the May and June 1997 issues of QST.

The Board selected Frank McNally, KF0WF, of Colorado Springs, Colorado, as the recipient of the Herb S. Brier Instructor of the Year Award for 1997, and Robert Lavin, K6BOB, of Calabasas, California, as the recipient of the Professional Educator of the Year Award for 1997.

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#### EDITORS NOTES

Well this has been a hectic couple of months! The editor and the editor's wife went to Dallas over the 4<sup>th</sup> of July for the annual Convention of the National Federation of the Blind. We got boiled and froze at

the same time. The temperature at the DFW airport was over 100 degrees all the time we were there. But the Hotel was trying to impress everyone with how good their airconditioning was by keeping the room temperature in the mid 50's or 60's. All in all the convention was a good one. We did not win anything, but a good time was had by over 2000 blind individuals and their significant others.

When we got back the editor found out that he the Ø-Beat files were corrupt! The file I sent Jeff, who did the Ø-beat last month, was corrupt too, though I didn't know it at the time. So the editor has had to reconstruct the Ø-beat from an old copy of a 1996 issue; received from Jeff, NØJLH; to get this issue ready!

Since this issue has no soft copy of the front page, a copy of another months issue will be used with possible hand written Table of Contents. Hopefully by next month this will be fixed.

So come on down to the meeting! Its going to be a goos one!

73

Bill, KDØJU

P.S. And don't forget the Picnic!

P.P.S I found the front page! Hurray !!!  
Whew!!!! That saved a whole lot work!!!

P.P.P.S. A note for WBØDUM. Sorry I didn't get a chance to call you about your ad. Since it missed getting in last months issue, I figured you'd need another months exposure, at least. Ads usually run two months before making way any new ones.

# PPRAA Annual Picnic

When: Sunday August 18<sup>th</sup>

Where: Air Force Academy Picnic Area #3

Time: 1200-1500

Activities: Hamburgers and hot-dogs provided by PPRAA

Tailgate Swapfest

PPRAA Board Meeting (all are welcome to attend)

Fun and Games

Get "eyeball" QSO on people you talk to on the air!

Bring your favorite dish or snack food to share.

So that we have a variety of foods we ask if you last name begins with:

A thru M bring salads, chips, beans, veggies, etc.

N thru Z bring fruit, cookies, cake, pie, etc.

Bring a lawn chair or two if you can. We can always use extra big spoons and kitchen utensils to help dish out the goodies.

We need a few volunteers to help with setup, cooking, and cleanup.  
(You will be rewarded with surplus goodies at the end of picnic.)

There will be lots of room for games so bring your favorite.  
(volleyball, horse shoes, badminton, etc.)

See map on reverse for detailed direction to picnic site.

Talk-in available on 146.520.

Contact Ron, NKOP for more information or to volunteer to help.

# 17th Annual MARC Campfest - Swapfest

## August 29-30, 1998

*Fantastic Family Oriented Location  
(with indoor plumbing!)*

**Location: Colorado Lions Camp:**

4 miles north of Woodland Park on Hwy 67 North  
Talk-in 146.82R

**Dealers Welcome**

**FREE ADMISSION!!**

Lions Snack Bar available.  
(Sale of food or beverages by others is prohibited.)

Activities:

Swap, Trade, Barter, Ragchew

**No alcohol permitted on premises**

Potluck Saturday at 5pm -- All Welcome!! (Bring your own meat plus a potluck dish)  
\*\* Barbeque grill available \*\*

Grand Prize Drawing Sunday at 11am (need not be present to win)

**GRAND PRIZE: IC-706 MkII Xcvr - HF + 6M + 2M All Mode**  
**Includes FREE OPC-581 remote cable from ICOM**

Come and join us!  
You'll relax and enjoy Colorado's  
friendliest fest!



*Remember!*

*This is Colorado High Country -  
come prepared for weather.*

**\$16 per space daily to camp and/or sell.**  
You may arrive to setup/camp on Friday (8/28) after 2pm

## Mountain Amateur Radio Club

Camping? Seiling? Advance reservations requested. Contact: Don (AA0NW) at (719) 687-3692  
or mail reservations to: MARC, P O Box 1012, Woodland Park, CO 80866

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Joe KDØGA    Dean ACØS  
John N5EHP    John KFØPQ

## Membership Application - Pikes Peak Radio Amateur Association, Inc.

P.O. Box 16521, Colorado Springs, Colorado 80935

Date: \_\_\_\_\_ New Membership  Renewal

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Call \_\_\_\_\_ License Class \_\_\_\_\_ Telephone \_\_\_\_\_

Are you an ARRL member? Yes  No

One year membership rates. (Year starts with the month you receive your first issue.)

Full Member	\$15.00 <input type="checkbox"/>	Family Membership (same address)	\$18.00 <input type="checkbox"/>
Over 65	\$10.00 <input type="checkbox"/>	Family Membership (both over 65)	\$12.00 <input type="checkbox"/>
Associate (outside El Paso or Teller Co.)	\$12.00 <input type="checkbox"/>	Newsletter only	\$12.00 <input type="checkbox"/>

Additional Names: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_

Please check off activities that You might like to do. Check all that apply:

- Field Day or similar activity
- Ham Radio demonstrations
- On the Air Nets or Round tables
- Organize any of the above activities
- Teach potential hams about ham radio

PPRAA committee position interests

- HF     VHF/UHF
- FM     SSB     Digital
- DX     Contests
- Technica;     Hardware
- Other

**Please Note:** You must submit a completed application form along with your check to the Treasurer for both new members as well as renewals. Thank you.

PLEASE TYPE OR PRINT CLEARLY!

# PPRAA Annual Picnic

**When:** Sunday August 16th

**Where:** Air Force Academy Picnic Area #3, 12:00 - 4:00 p.m.

**Activities:** Hamburgers and hot-dogs provided by PPRAA  
Tailgate Swapfest  
PPRAA Board Meeting (all are welcome to attend)  
Fun and Games

**What you need to bring:** Using your last name please bring the following items:

A-I bring desserts

J-Q bring a salad or vegetable tray

R-Z bring chips and dip

Bring a lawn chair or two if you can. We can always use big spoons and kitchen utensils to help dish out the goodies.

We need a few volunteers to help with setup, cooking, and cleanup.

(You will be rewarded with surplus goodies at the end of picnic.)

There will be lots of room for games so bring your favorite.  
(volleyball, horse shoes, badminton, etc.)

Talk-in available on 146.580.

Contact Renay, KA0ROY, for more information or to volunteer to help.

